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**Canon**

**Canon USA, Inc.**  
 3300 North First Street  
 San Jose, CA 95134  
 Tel: (408) 468-2501  
 Fax: (408) 468-2509

**Fax**

<b>Name:</b>	USPTO	<b>From:</b>	John P. Keady
<b>Fax:</b>	571-273-8300	<b>Pages:</b>	15 (including cover sheet)
<b>Phone:</b>		<b>Date:</b>	April 5, 2006
<b>Re:</b>	Response to Non-Final Office Action Application No. 10/812,461	<b>CC:</b>	

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• **Comments:**

To: United States Patent & Trademark Office  
 Commissioner for Patents  
 PO Box 1450  
 Alexandria, VA 22313-1450  
 Examiner: Jerome Jackson Jr.  
 Art Unit: 2815

From: John P. Keady  
 c/o Canon U.S.A., Inc.  
 Intellectual Property Division  
 15975 Alton Parkway  
 Irvine, CA 92618  
 Tel: (408) 468-2517

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PTO/SB/21 (09-04)

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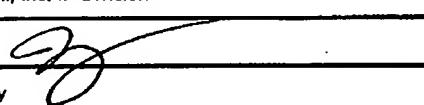
(to be used for all correspondence after initial filing)

		Application Number	10/812,461
		Filing Date	03/29/2004
		First Named Inventor	Iiroo Azuma
		Art Unit	2815
		Examiner Name	Jerome Jackson Jr.
Total Number of Pages in This Submission		Attorney Docket Number	CPA00070US

## ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
<input type="checkbox"/> Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Canon U. S. A., Inc. IP Division		
Signature			
Printed name	John P. Keady		
Date	5 April 2006	Reg. No.	56,389

## CERTIFICATE OF TRANSMISSION/MAILING

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## IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Hiroo Azuma Conf.: 3151  
Appl. No.: 10/812,461 Art Unit: 2815  
Filed: 29 Mar. 2004 Examiner: Jackson Jr., Jerome  
For: QUANTUM-STATE-GENERATING APPARATUS,  
BELL MEASUREMENT APPARATUS, QUANTUM  
GATE APPARATUS, AND METHOD FOR  
EVALUATING FIDELTY OF QUANTUM GATE

## RESPONSE/AMENDMENT

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

DJE DATE: 5 Apr. 2006 First EOT

Sir:

In response to the Examiner's Office Action dated 5 Dec. 2005 the following remarks  
are respectfully submitted in connection with the above-identified application.

Amendment(s) to the Claim(s) begin on page 2 of this paper.

Remarks begin on page 6 of this paper.